

# Cape May County Transportation Infrastructure Conference

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# South Jersey Transportation Authority (SJTA)

## SJTA's Purpose:

- Created by the New Jersey legislature in 1991 to support economic development in the six southernmost New Jersey counties: Atlantic, Camden, Cape May, Cumberland, Gloucester and Salem Counties



## SJTA's Mission:

- To provide the traveling public with safe and efficient transportation through the acquisition, construction, maintenance, operation and support of the expressway, airport, parking and other regional transportation projects and services that support the economies of the six southern New Jersey counties

# SJTA Is ....

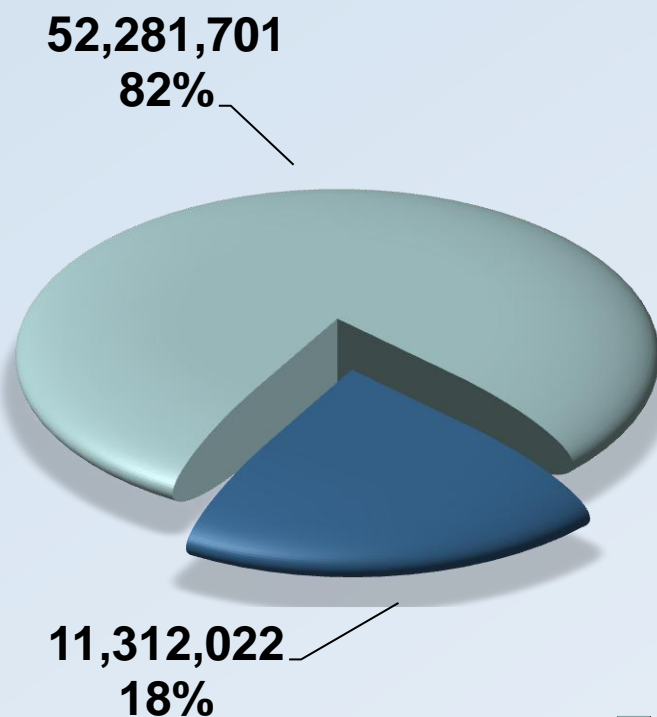
*A Leader in Transportation , Safely Moving People & Commerce to Stimulate the Economy Now & Into the Future*

*Allocating the largest capital plan in SJTA history to further develop the....*

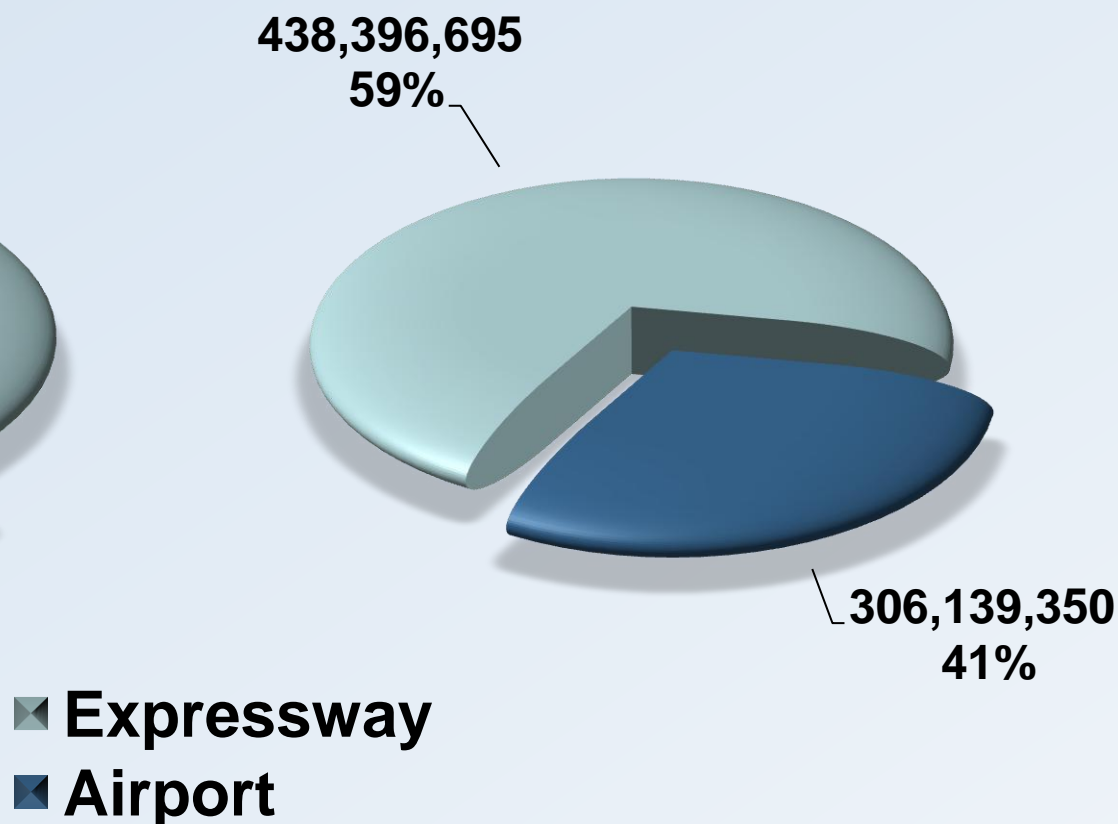
- Atlantic City Expressway
- Atlantic City International Airport
- Regional Transportation
- Economic Development in the Six Southernmost Counties



## 2011 Capital Budget \$63,593,723



## 2011-2020 Capital Program \$744,536,045







# SJTA's Expressway Projects





## 2012 Resurfacing Projects

Limits/Description	Estimated Cost	Award/Bid Date
ACE Resurfacing Milepost 2.8 – 7.8 westbound	\$2,000,000	Anticipated Award Date: March 2012



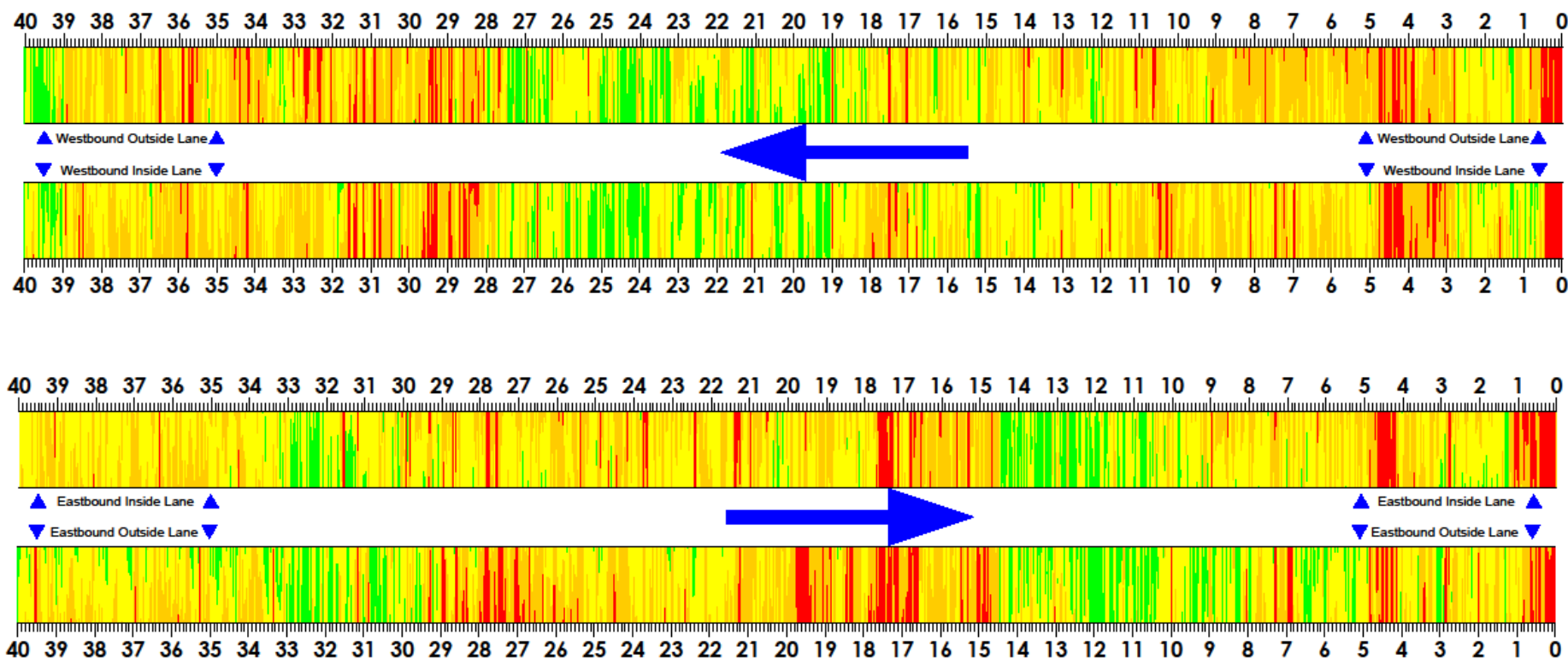


	IRI	EB Inside	EB Outside	WB Inside	WB Outside
	>170	2.86%	3.4%	2.64%	2.49%
	>95	13.74%	17.85%	16.50%	19.58%
	>60	49.73%	40.51%	48.97%	46.36%
	>0	33.72 %	38.23%	31.89%	31.67%



## Atlantic City Expressway

Network Level Condition Screening Based On IRI Data



# Bridge/Tunnel Rehabilitation Projects - \$7,000,000

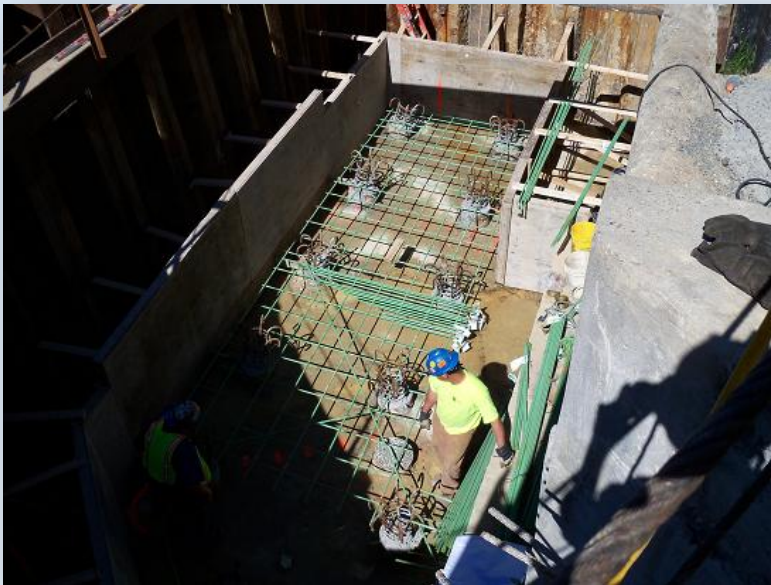




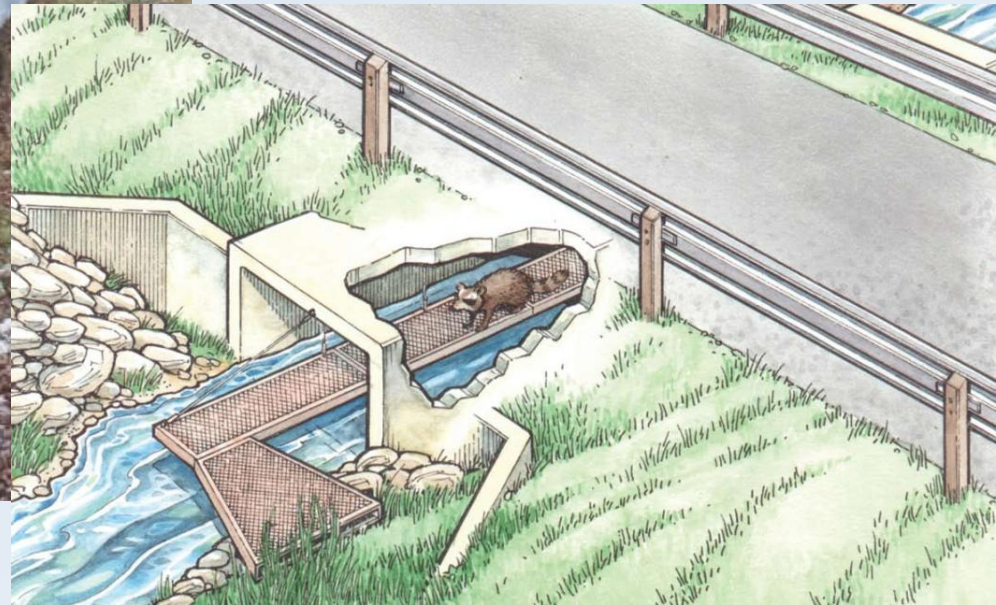
# Expressway Westbound Widening

## Construction Contract Breakout

- *Contract No. 1 – MP 7.7 – MP 18.5 (10.8 miles) – Complete*
- *Contract No. 2 – Widening of MP 18.5 – MP 24.5 (6.0 miles)*
  - *To be complete – July 2012*
- *Contract No. 3 – Widening of MP 24.5 – MP 31.8 (7.3 miles)*



**Total cost: \$90 Million**



**Wildlife Fencing/Crossing near Makepeace Wildlife Preserve**



# Express E-ZPass at Egg Harbor Toll Plaza



**TOLL BOOTH DEMO  
FEBRUARY 24, 2011**







South Jersey Transportation Authority







South Jersey Transportation Authority



**COMPLETED MAY 2011  
IN UNDER 3 MONTHS**





# Pleasantville Toll Plaza





# All Electronic Tolling (AET)

*Tolling ...Yesterday, Today & Tomorrow*





# All Electronic Tolling (AET)

- *Transponder Based or Video Tolling*
- *Highway Speed*
- *No Toll Booths - no cash option*
- *Operating Efficiency*
- *Increased Throughput*
- *Carbon reduction*







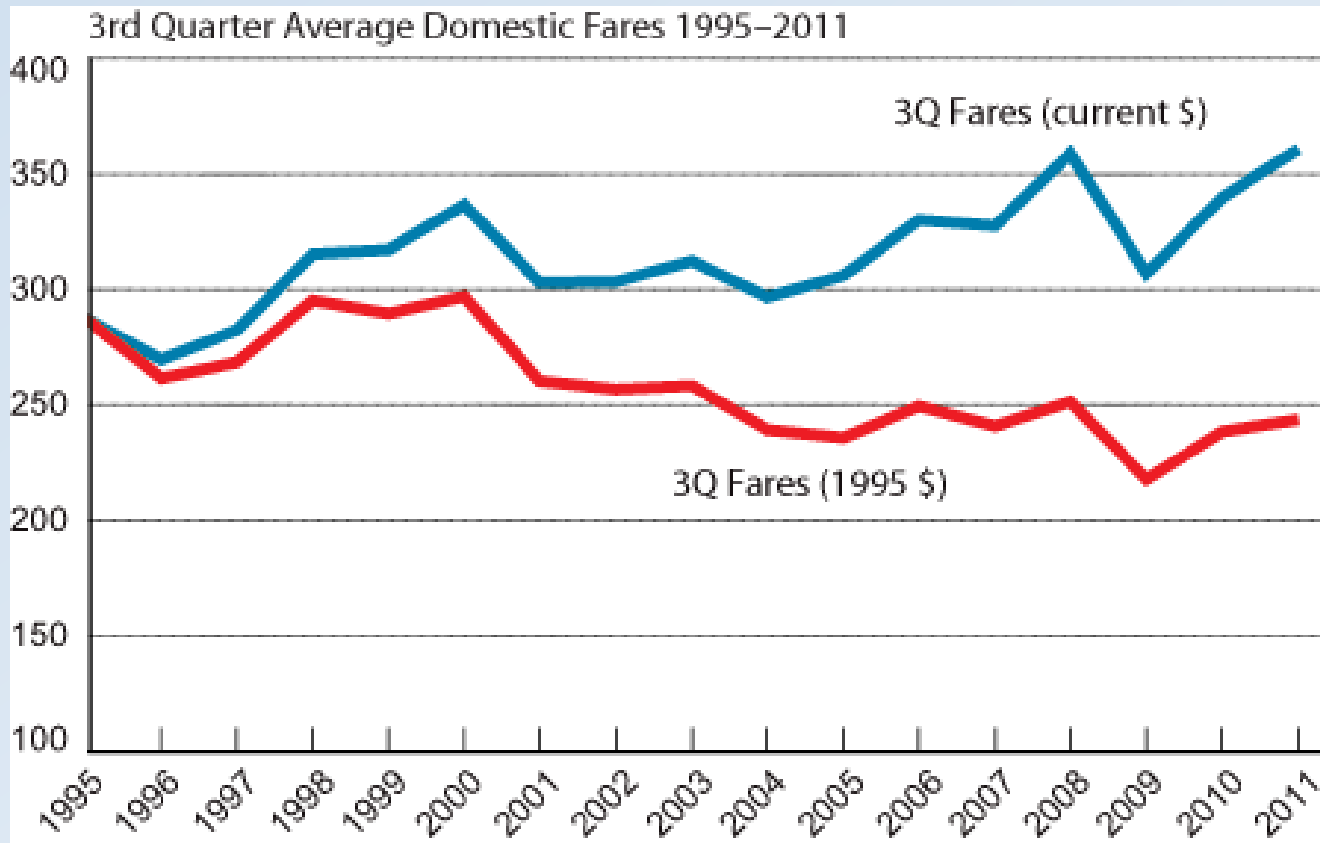
# Atlantic City Expressway AET Plans

- Aging Mainline Barrier Plaza(s) & Systems
  - Increasing System Pres/Capital Replacement Costs
- Need for additional ORT throughput
  - Traffic Seasonality
- ACE Westbound Widening
  - Barrier Toll Plaza Possible Choke Point
- Route 50 Interchange Completion
  - New E-Z Pass Only Interchange

# Atlantic City International Airport



# Lowest Fares in America!



➤ Lowest  
airfare in  
America of top  
100 airports –  
since 2<sup>nd</sup> qtr.  
2009

➤ National  
average  
airfare: \$340

➤ ACY average  
airfare: \$167

# ACY Welcomes Back



**Boston**

**\*Starting March 1**



**Chicago**

**\*May 2**



**Detroit**

**\*May 3**



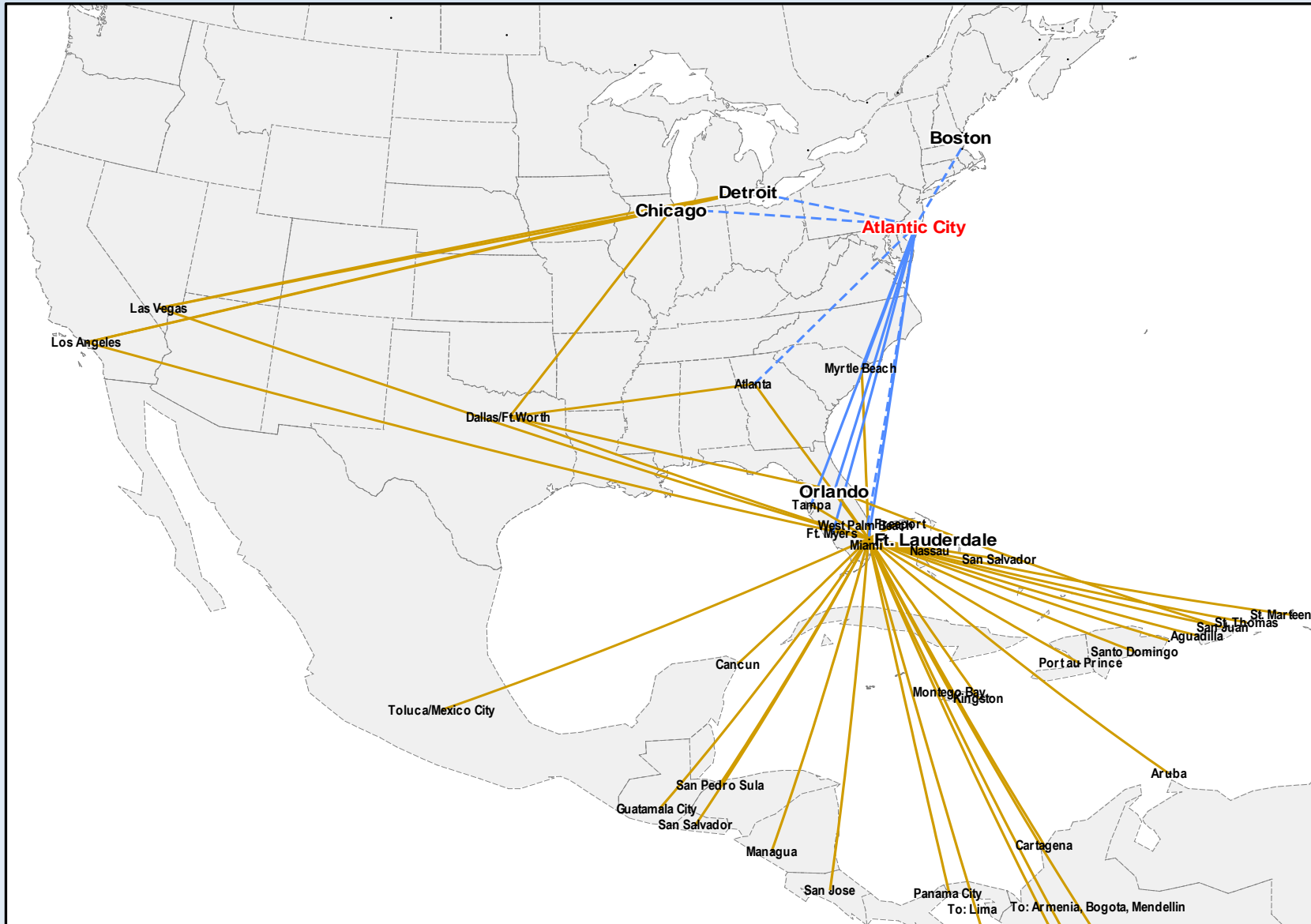
**Atlanta**

**\*May 17**

***spirit*<sup>™</sup> nonstop daily flights**  
airlines



You can fly nonstop from ACY to Atlanta, Boston, Chicago, Detroit, Ft. Lauderdale, Ft. Myers, Myrtle Beach, Orlando, Tampa and West Palm Beach; with over 25 one-stop destinations beyond.



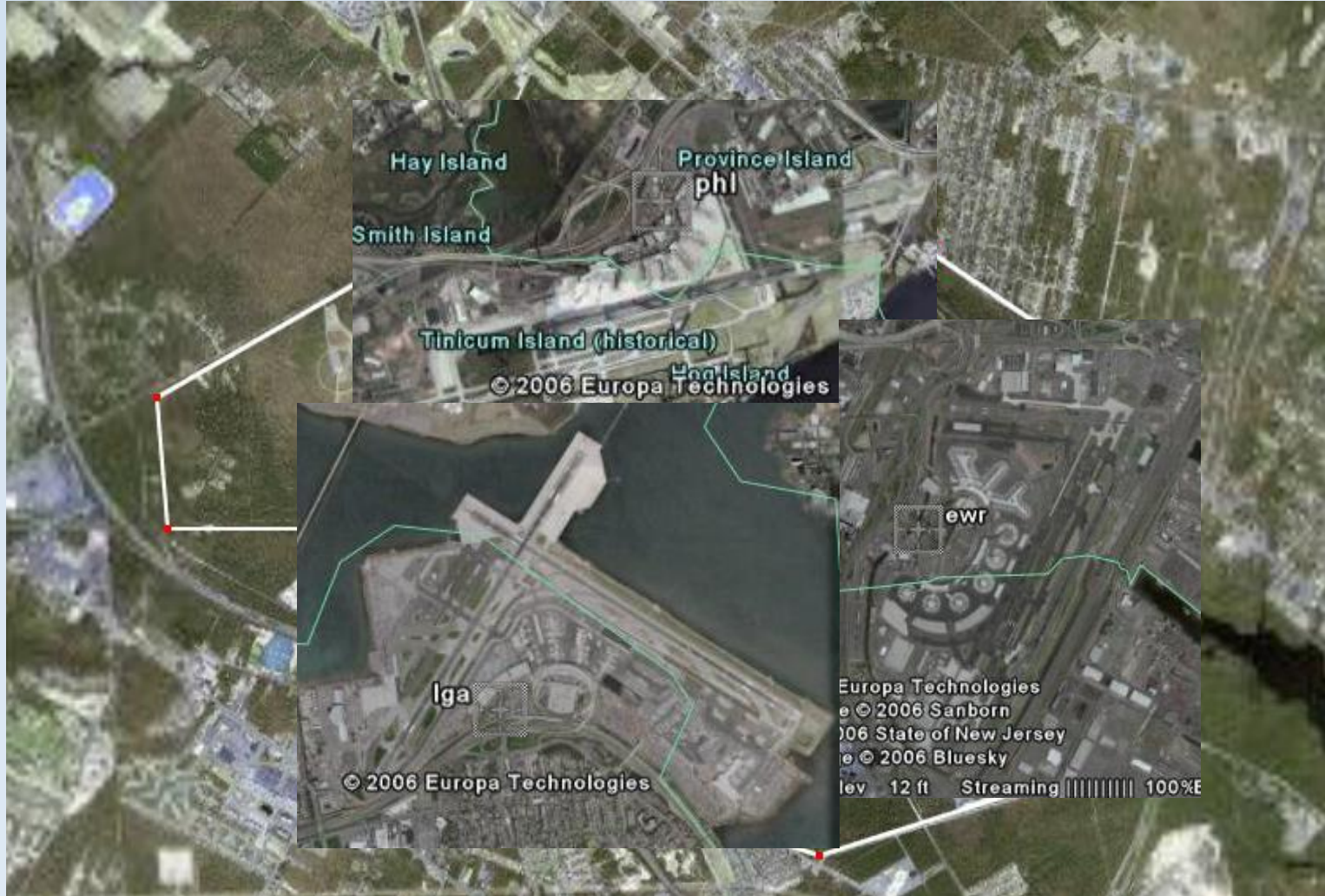
# Atlantic City International Airport



*US Coast Guard Facility was built in 1998*

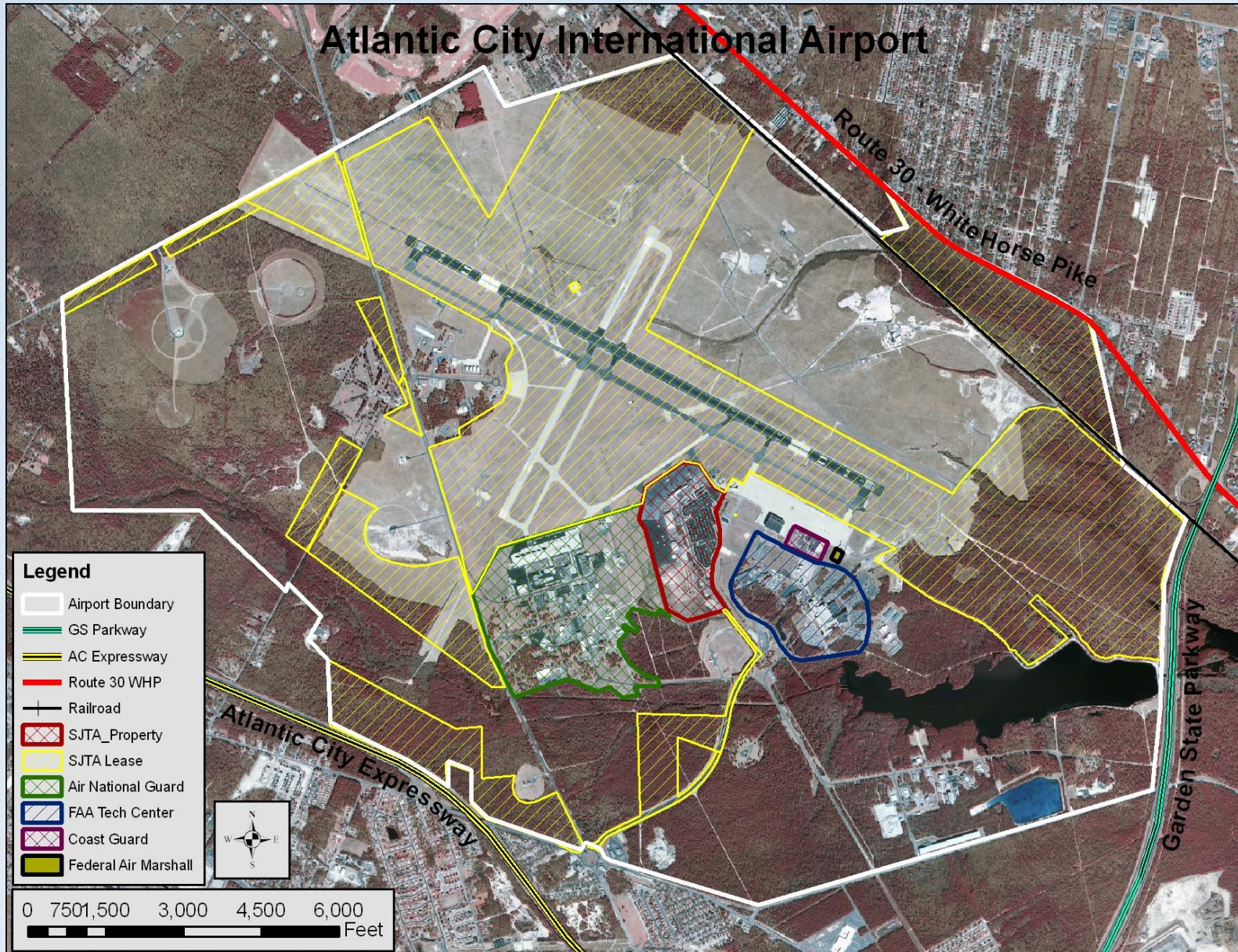


- ACY was acquired on September 24, 1992 from the City of Atlantic City
- ACY Sits On An Excess of 5,000 Acres
- ACY Tenants
  - FAA Technical Center
  - ANG 177<sup>th</sup> Fighter Wing
  - US Coast Guard
  - Transportation Security Administration
  - Federal Air Marshals
  - Transportation Security Lab
  - Aviation Research & Technology Park



**ACY Site can contain all of PHL, EWR and portion of LGA**







# Planned Rail Access Will Enhance ACY's Accessibility



**Proposed Rail  
Station**

**NJTransit Rail – Atlantic City Line**

**Planned  
New Station**



**Interchange with  
Amtrak**

# ACE/ACY Direct Connector



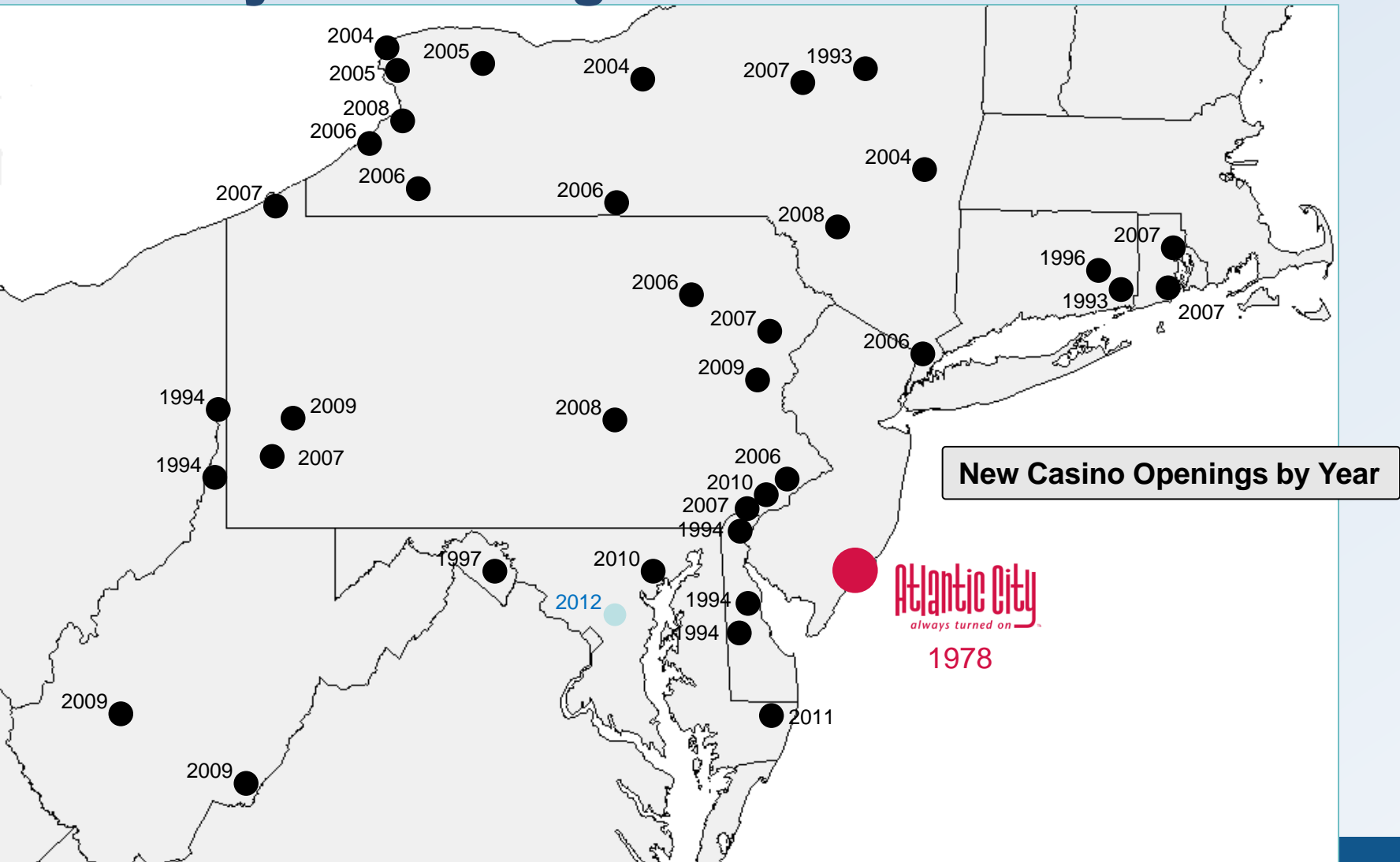


# ACE/ACY Direct Connector

- *Project Estimate:*  
\$40,000,000
- *Prelim Design:*  
Nearly complete
- *Pinelands permit expected*  
*by June 2012*
- *Final Design:*  
Awarded in Nov. 2011  
Complete in early 2013

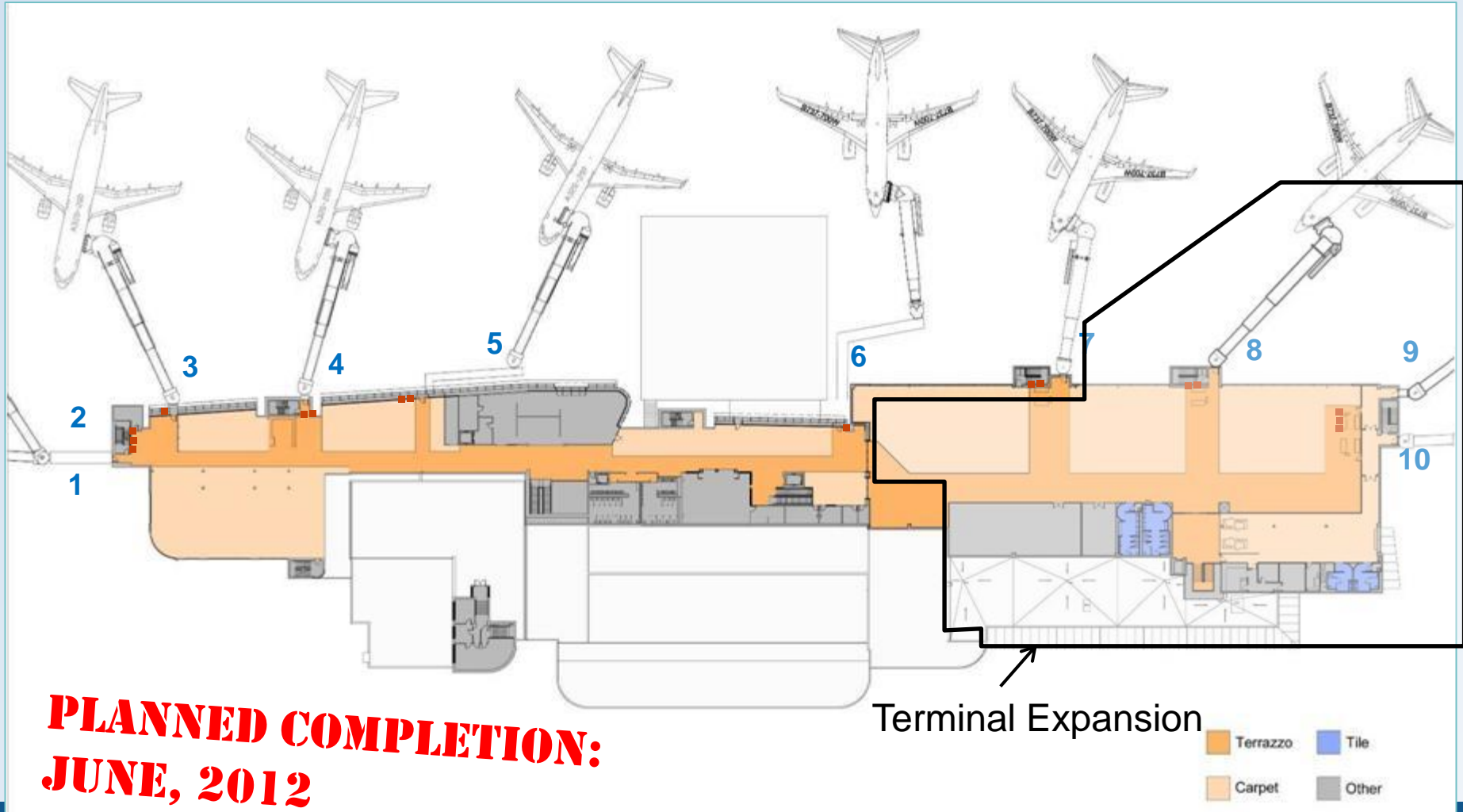


# Atlantic City Must Attract Customers From Beyond the Regional Drive Market





# ACY Terminal/FIS Expansion Will Add 3 Additional Gates

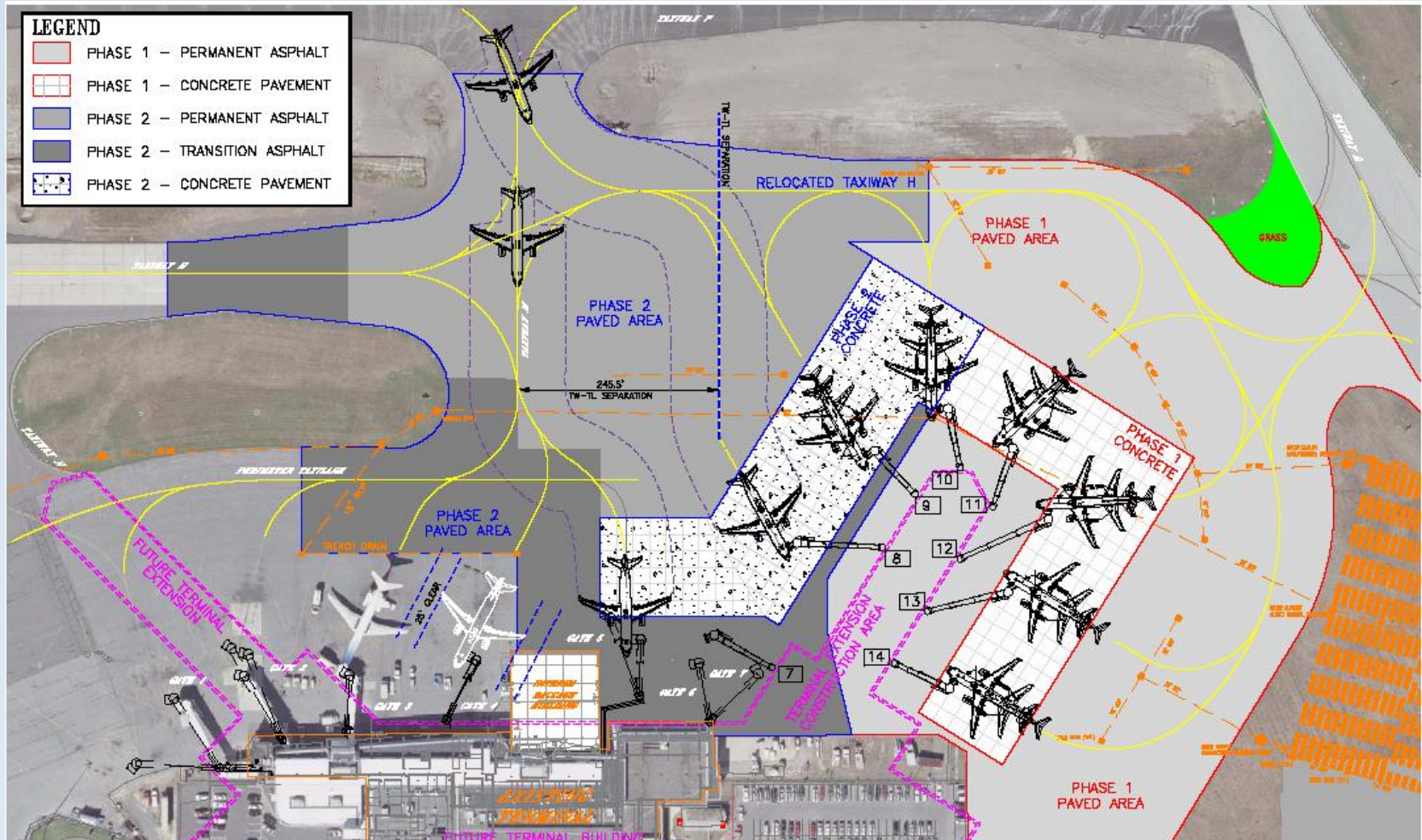




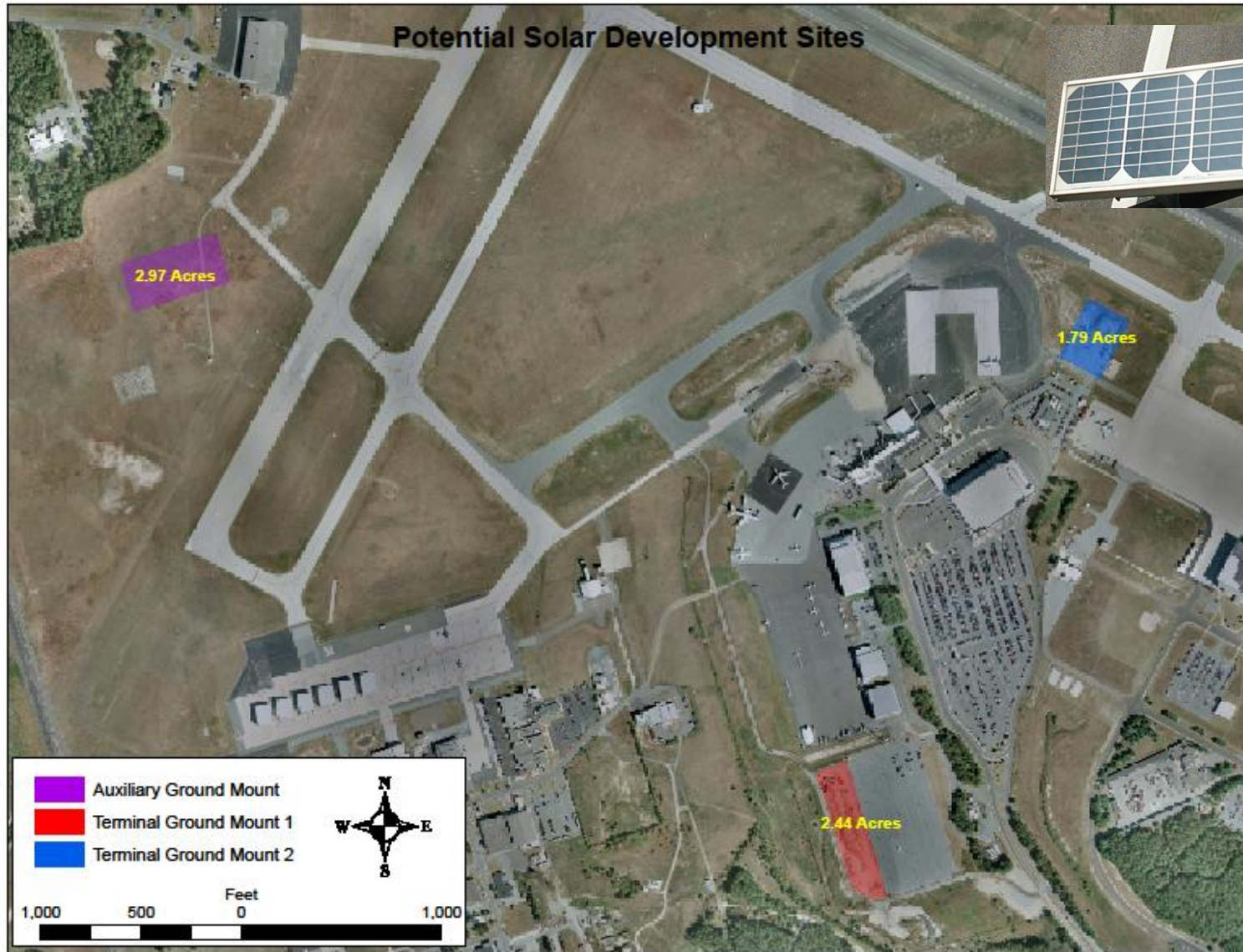
## ACY Terminal/FIS Expansion



## Future Finger Pier Expansion







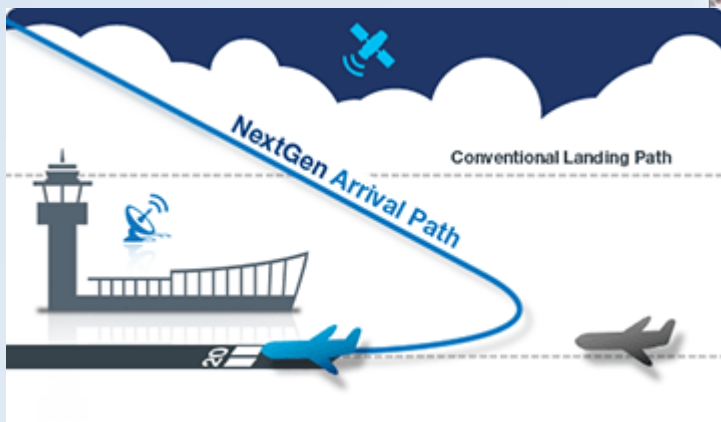


# Aviation Research & Technology Park

-  *Designing the NEXTGEN Aviation Technology*
-  *2000+ Technical Jobs*
-  *7 Building totaling over 400,000 sq. ft.*
-  *Groundbreaking took place October 19, 2009*



***Conditional Master  
Developer named in  
Nov. 2011***





# Proposed Hotel Development Site





# Airport Master Plan

## Preferred Development Alternative



**Airfield**

**Terminal**

**Landside**

**Support  
Facilities**

**Maintenance**

**Cargo**

**Access**



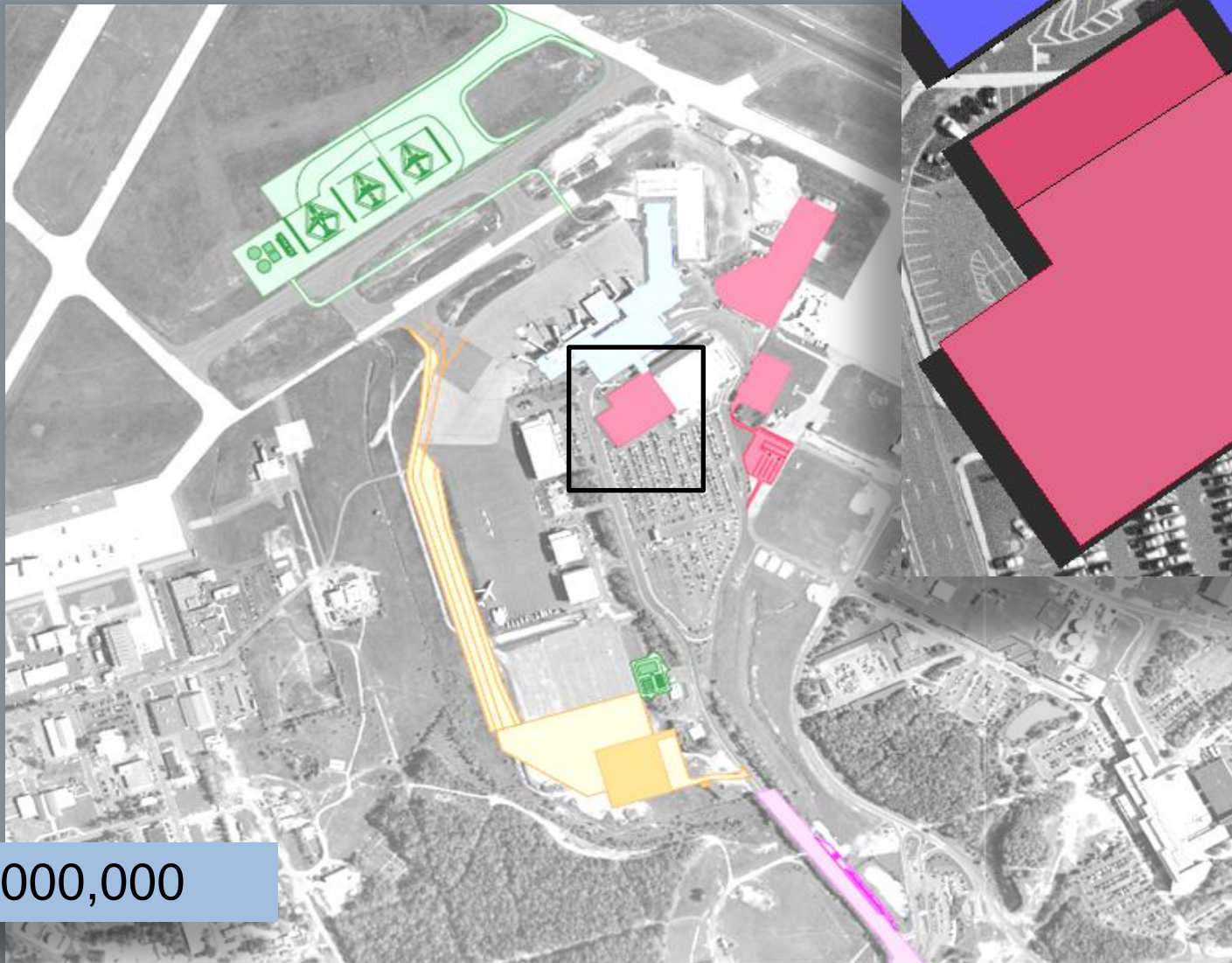
# Central Terminal Area: Terminal



\$29,000,000

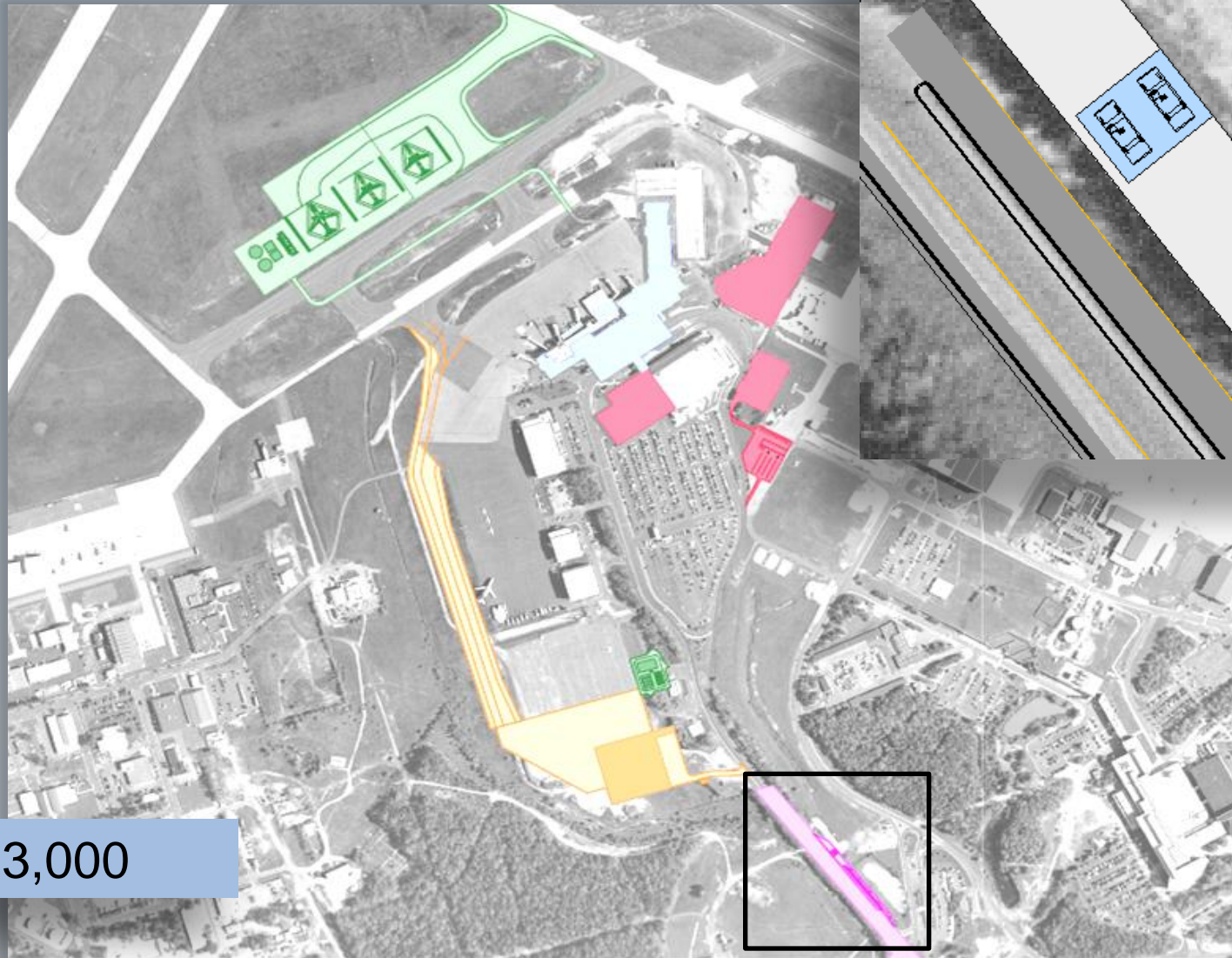


# Central Terminal Area: Parking



\$25,000,000

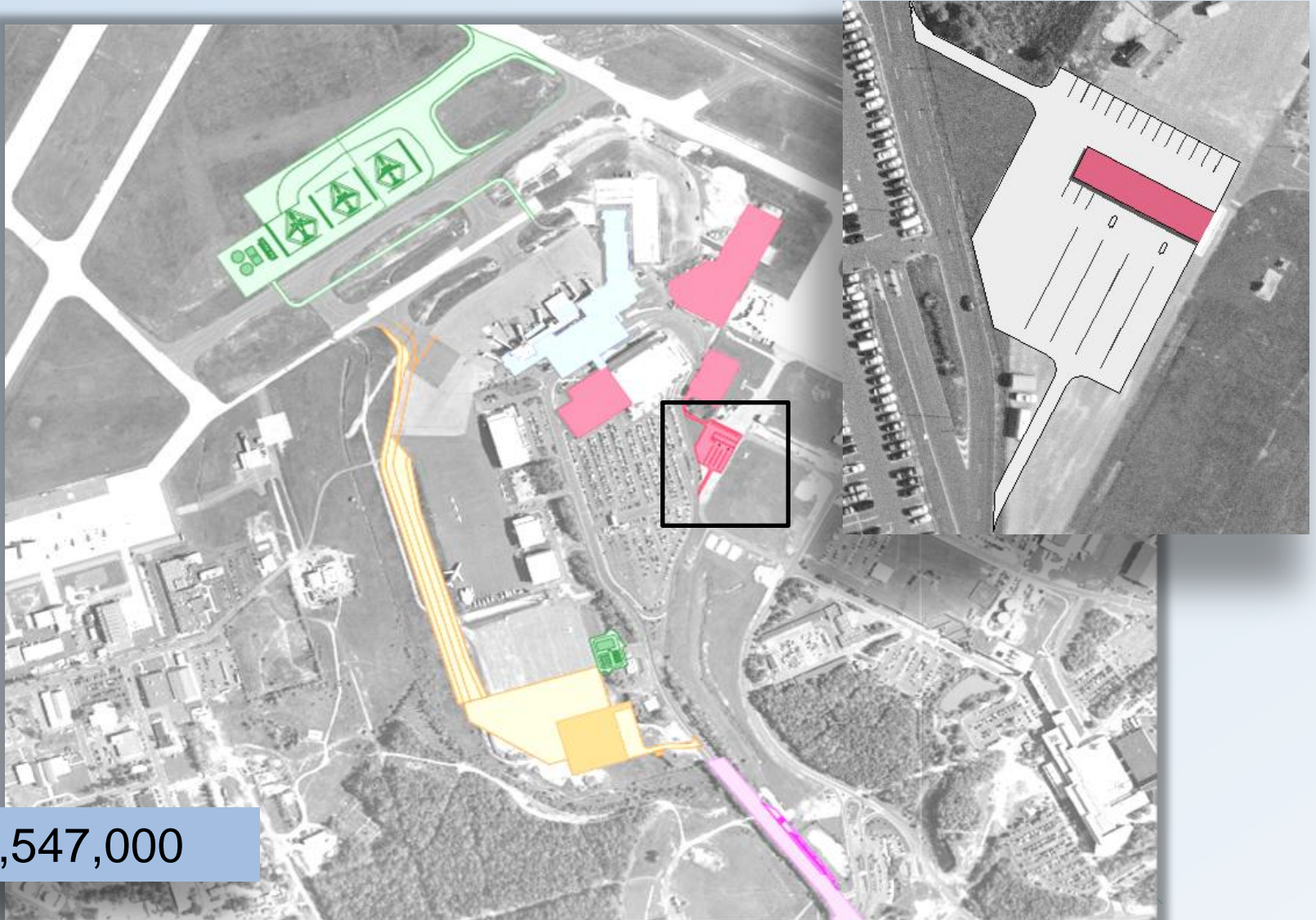
# Airport Access



\$1,563,000

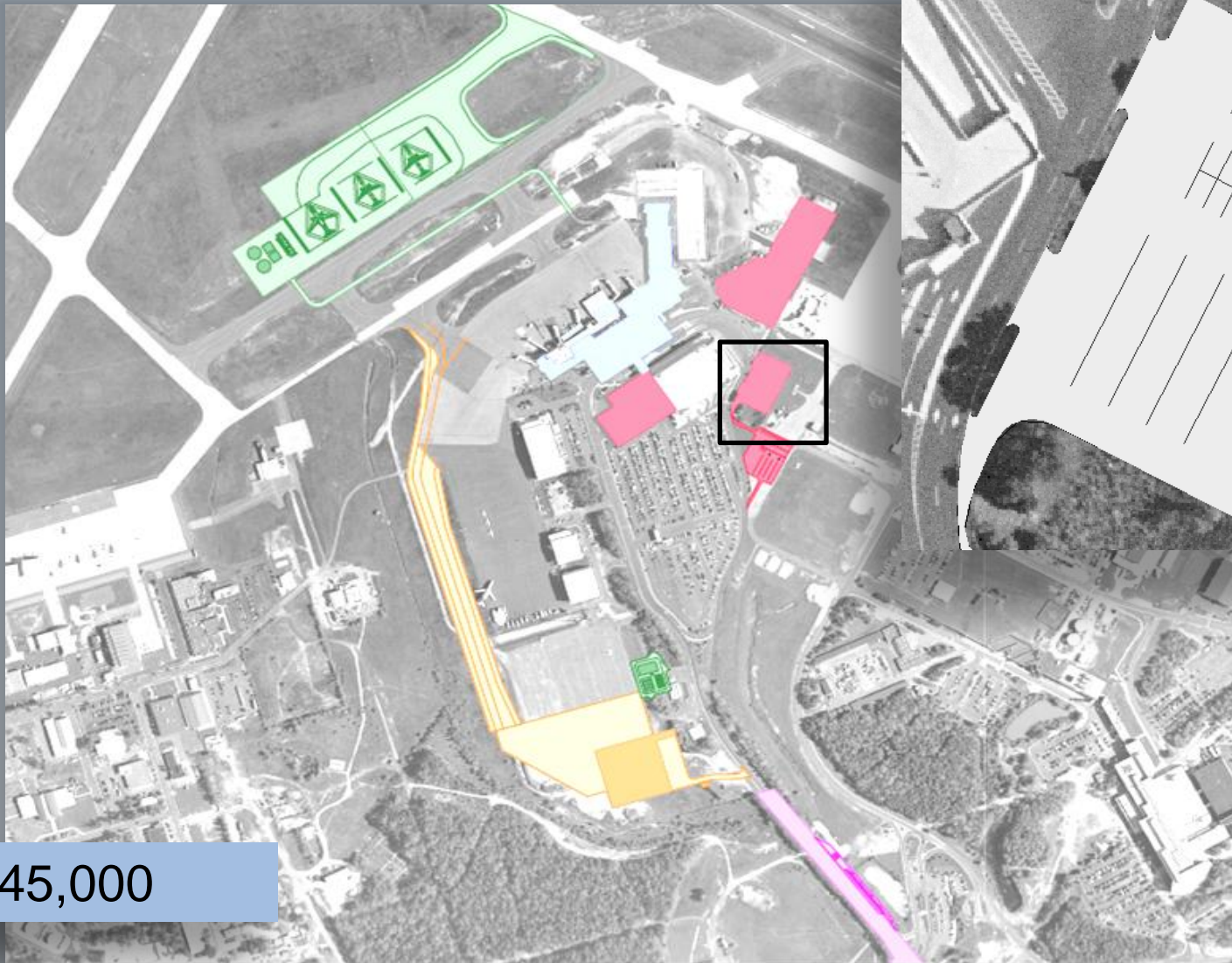


# Central Terminal Area: Rental Car QTA



\$2,547,000

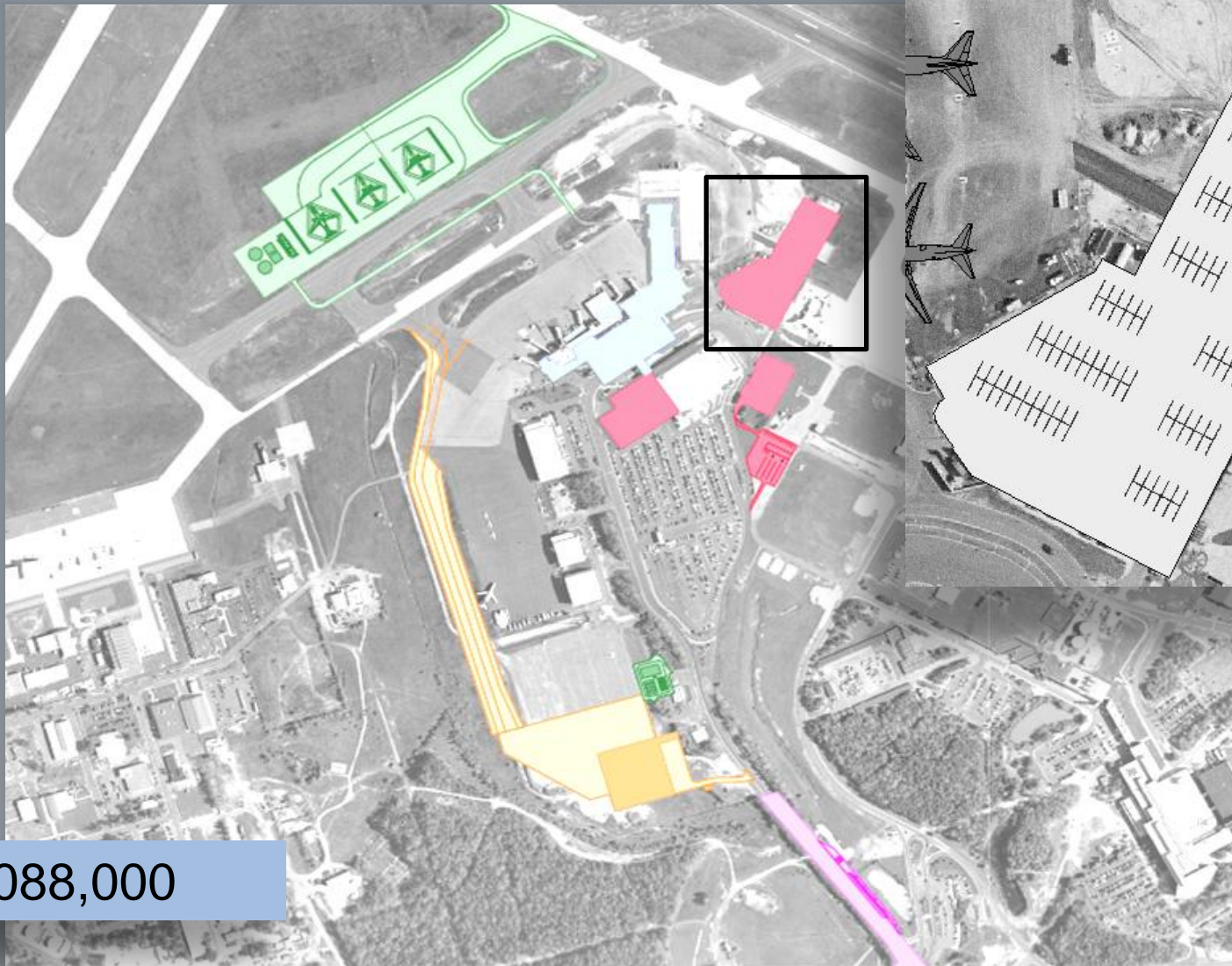
# Central Terminal Area: CV Staging Lot



\$745,000

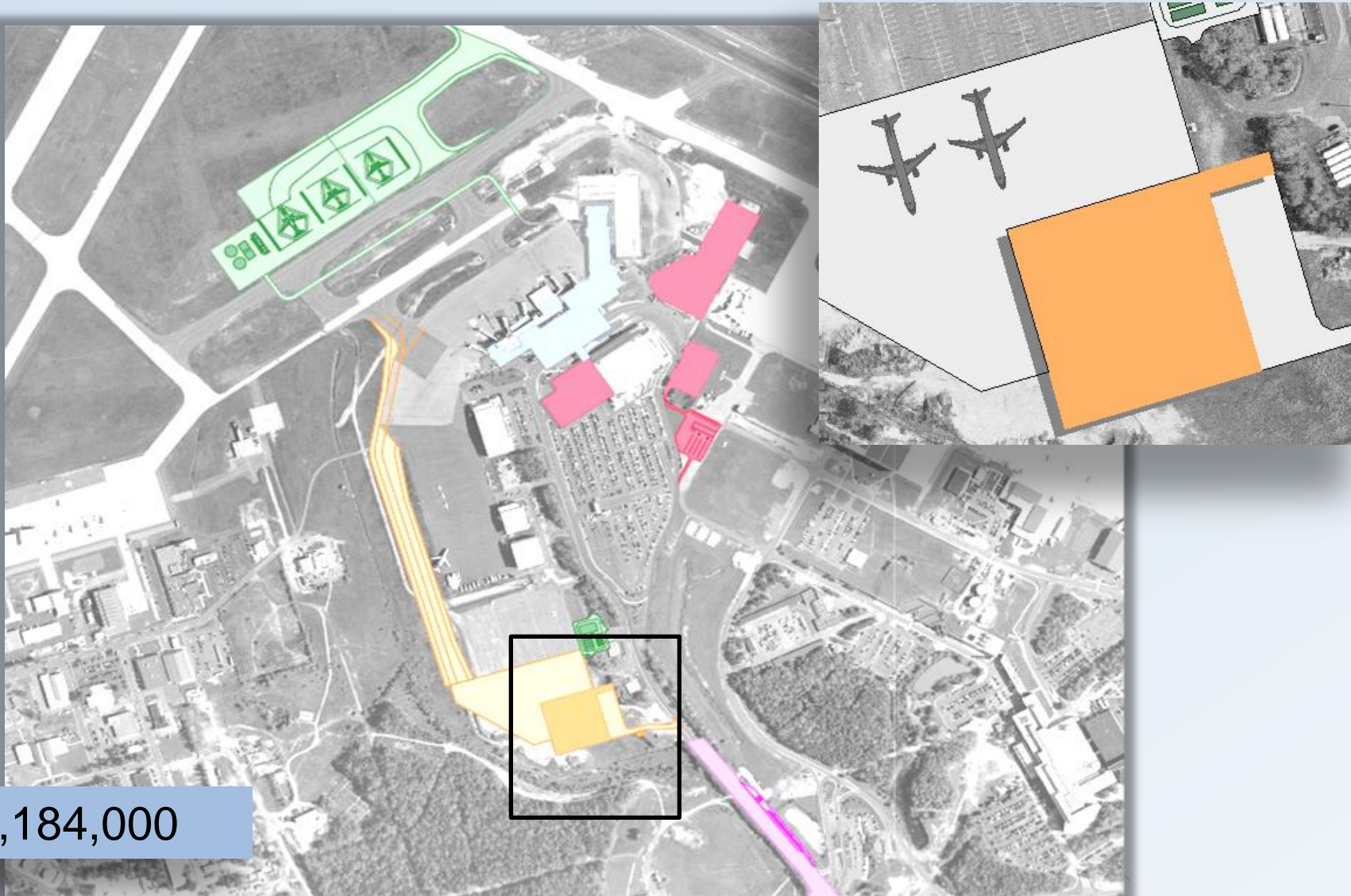


# Central Terminal Area: Employee Parking



\$1,088,000

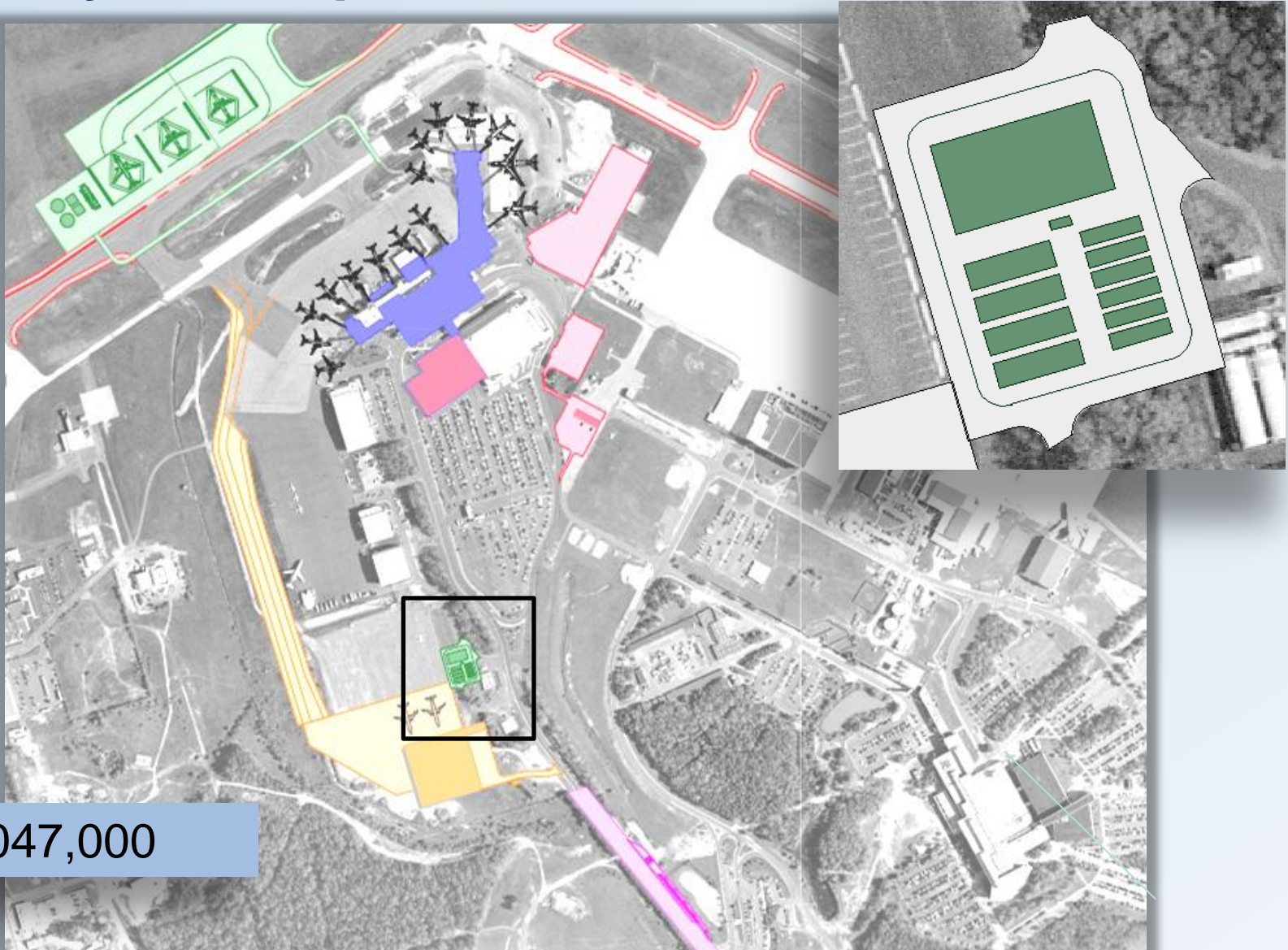
# Central Terminal Area: Airline Maintenance



\$22,184,000



# Auxiliary Development: Consolidated Fuel Farm



\$3,047,000

# Auxiliary Development: ARFF Facility



\$15,000,000



# Airfield Rescue and Firefighting Facility





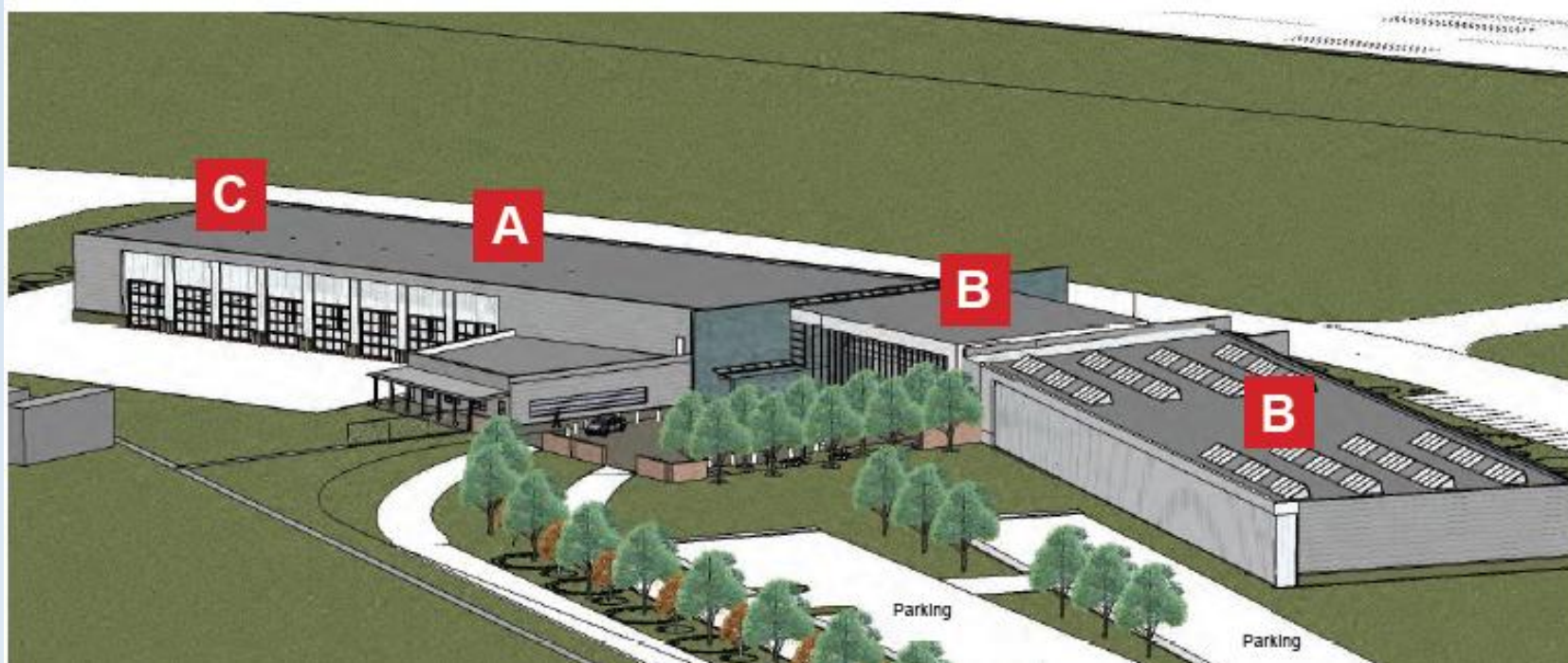
**Foundation work underway**



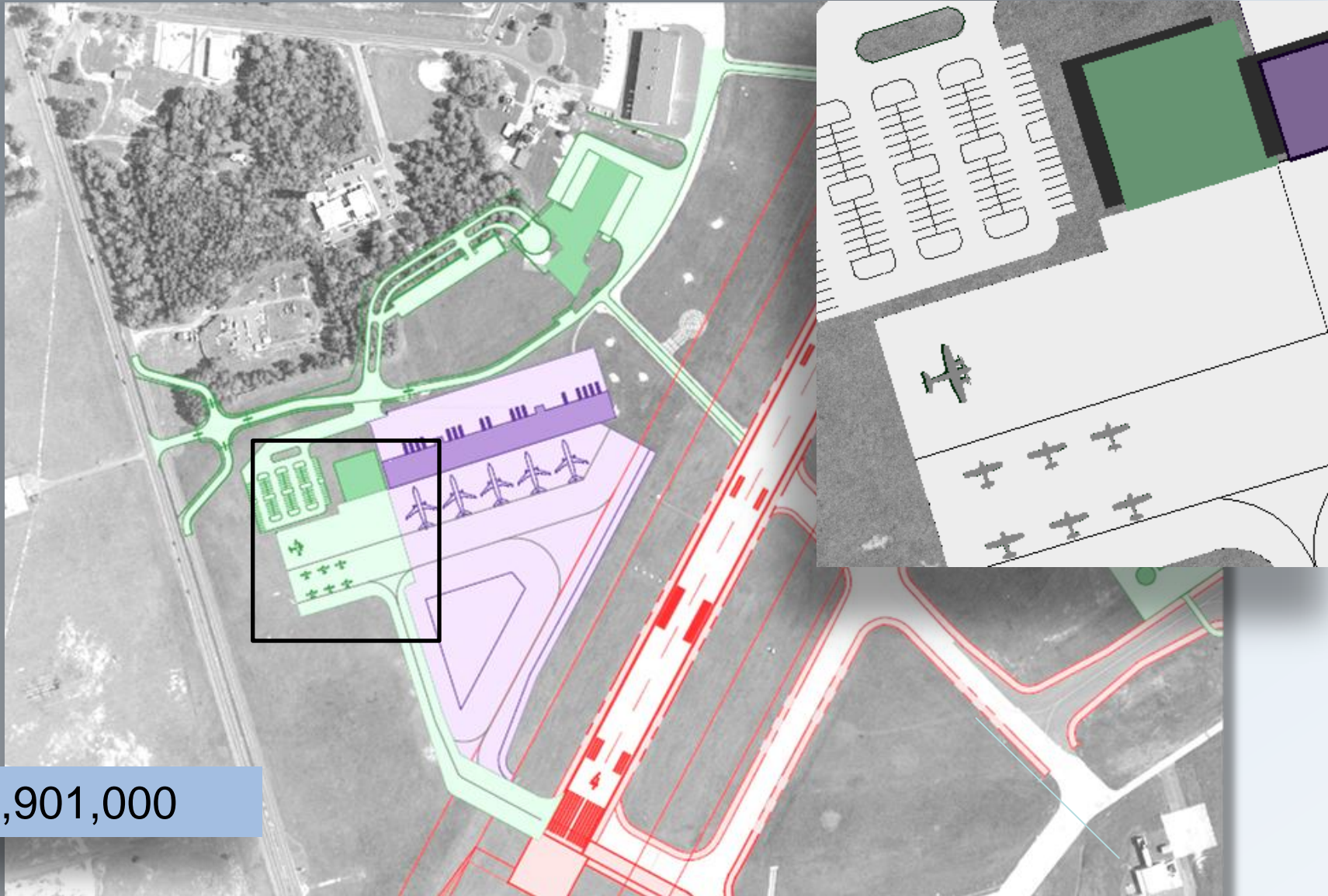
TOPSC<sup>2</sup>

### Phasing Diagram - Perspective View

- A - Phase 1 ARFF Building
- B - Phase 2 LEB and AOC
- B - Phase 2 TOPSC<sup>2</sup>
- C - Phase 3 Future ARFF Apparatus Bay Expansion



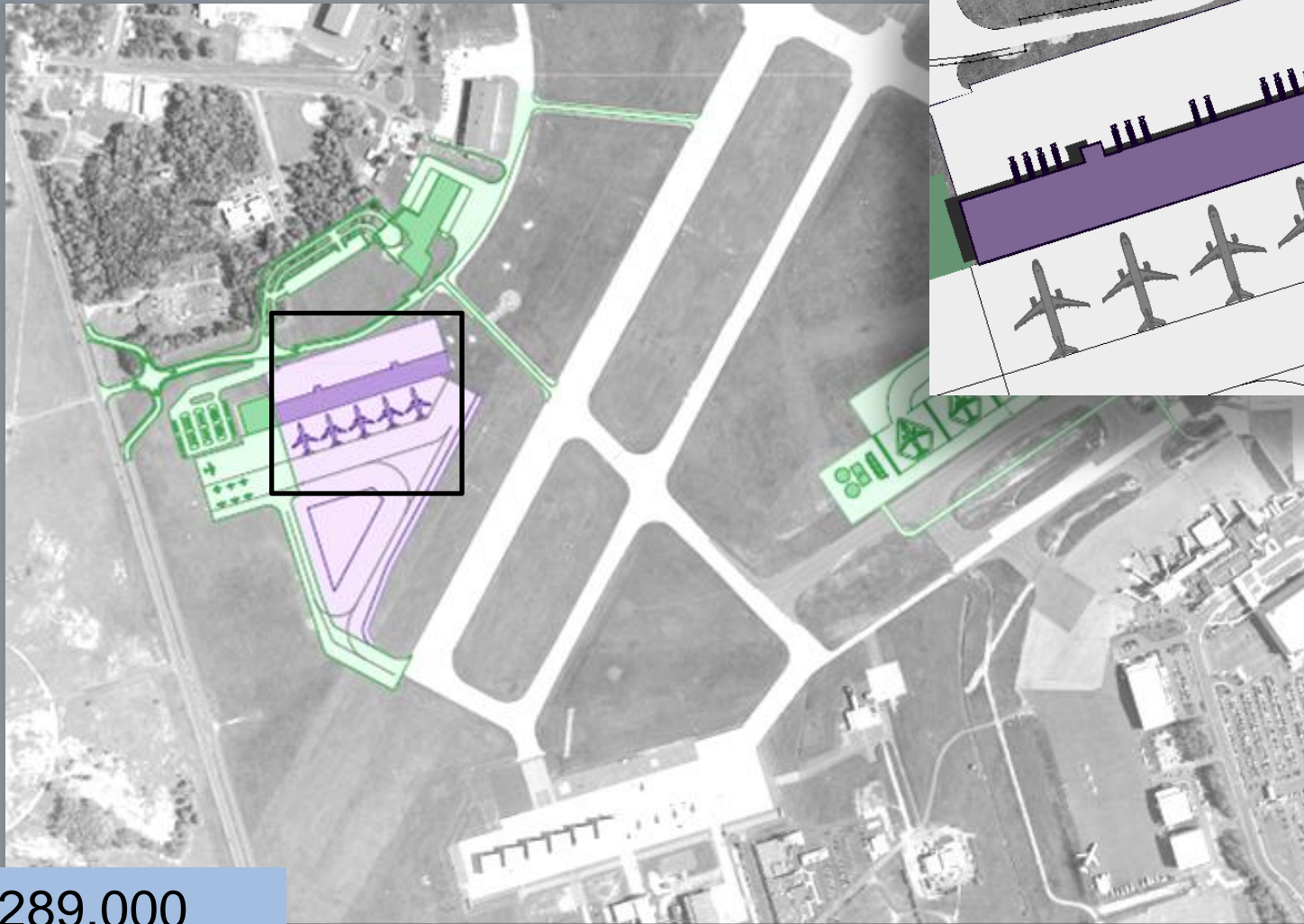
# Auxiliary Development: General Aviation Facility



\$13,901,000



# Auxiliary Development: Cargo Facility



\$34,289,000

# Phase I Estimated Costs and Schedule

Project	Cost	Timing
Terminal FIS Expansion	\$27,000,000	2010-2012
Terminal Enhancement Project	\$2,000,000	2012-2015
Aviation Fuel Farm Addition	\$3,047,000	2010-2013
ARFF	\$15,000,000	2010-2011
Airline Maintenance Facility	\$22,184,000	2010-2012
Public Parking	\$25,000,000	2010-2015
Employee Parking	\$1,088,000	2010-2011
Rental Car QTA	\$2,547,000	2010-2013
Commercial Vehicle Staging Area	\$745,000	2013-2015
Cell Phone Lot and Vehicle Inspection Area	\$379,000	2010-2011
<b>Phase I Total:</b>	<b>\$98,990,000</b>	





***THANK YOU***

Samuel L. Donelson, P.E.